

CLAIMS

What is claimed is:

1. A safety device for spring brakes having a first chamber, a second chamber, a diaphragm, a spring and a clamp band, comprising:
a C-clamp, the opening of which is just fit to accommodate the edges of the two chambers and the diaphragm; and
a body plate, which is being cast with the C-clamp as one integral body and is welded onto an outer surface of the first chamber at a position corresponding to the bolt of the clamp band such that the C-clamp passes through the gap between the bolt of the clamp band and the interface of the two chambers, keeping the two chambers and the diaphragm securely in place.
2. A safety device for spring brakes as in claim 1, wherein the body plate has a plurality of holes for the installation of nuts and bolts to ensure the body plate is securely fixed onto the outer surface of the first chamber.
3. A safety device for spring brakes as in claim 1, wherein the safety device can be used singly or in combination onto one spring brake.